

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,150,147 B2
APPLICATION NO. : 10/540529
DATED : December 19, 2006
INVENTOR(S) : Kiyohito Murata

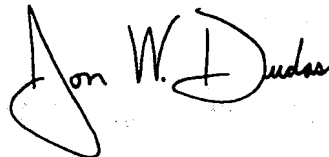
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (73) after "Toyota Jidosha Kabushiki Kaisha" insert --Toyota-shi,--.

Signed and Sealed this

Twenty-ninth Day of May, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office